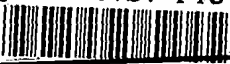

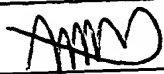


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	204702US2
	First Inventor or Application Identifier	Kazuhisa KASAHARA, et al.
	Title	MANUFACTURING METHOD OF METALLIC FILM TO PLANAR LIGHTWAVE CIRCUIT AND PLANAR LIGHTWAVE CIRCUIT HAVING METALLIC FILM MANUFACTURED BY USING THIS METHOD
3C003 U.S. PTO 	Assignee Name:	FURUKAWA ELECTRIC CO., LTD.
	Assignee Address:	6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, JAPAN

<b>03/13/01</b> <b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<b>1.</b> <input checked="" type="checkbox"/> <b>Fee Transmittal Form (e.g. PTO/SB/17)</b> <small>(Submit an original and a duplicate for fee processing)</small>	<b>ACCOMPANYING APPLICATION PARTS</b>
<b>2.</b> <input checked="" type="checkbox"/> <b>Specification</b> Total Sheets <b>29</b>	<b>7.</b> <input type="checkbox"/> Assignment Papers <sup>1</sup> (cover sheet & document(s))
<b>3.</b> <input checked="" type="checkbox"/> <b>Drawing(s) (35 U.S.C. 113)</b> Total Sheets <b>6</b> <b>Formals</b>	<b>8.</b> <input checked="" type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76
<b>4.</b> <input type="checkbox"/> <b>Oath or Declaration</b> Total Pages <b>1</b>	<b>9.</b> <input type="checkbox"/> <b>37 C.F.R. §3.73(b) Statement</b> <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>
<b>a.</b> <input type="checkbox"/> Newly executed (original or copy)	<b>10.</b> <input type="checkbox"/> English Translation Document (if applicable)
<b>b.</b> <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) <small>(for continuation / divisional w/ box 17 completed)</small>	<b>11.</b> <input checked="" type="checkbox"/> <b>Information Disclosure Statement (IDS)/PTO-1449</b> <input checked="" type="checkbox"/> Copies of IDS Citations (1)
<b>i.</b> <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).</small>	<b>12.</b> <input type="checkbox"/> Preliminary Amendment
<b>5.</b> <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	<b>13.</b> <input checked="" type="checkbox"/> White Advance Serial No. Postcard
<b>6.</b> <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	<b>14.</b> <input checked="" type="checkbox"/> <b>Certified Copy of Priority Document(s) (1)</b> <small>(if foreign priority is claimed)</small>
<b>a.</b> <input type="checkbox"/> Computer Readable Form (CRF)	<b>15.</b> <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27</small>
<b>b.</b> Specification or Sequence Listing on:	<b>16.</b> <input checked="" type="checkbox"/> <b>Other:</b> Notice of Priority, List of Inventors' Names and Addresses
<b>i.</b> <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	
<b>ii.</b> <input type="checkbox"/> Paper	
<b>c.</b> <input type="checkbox"/> Statements verifying identity of above copies	
<b>17.</b> If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.: Prior application information: Examiner: Group Art Unit:	
<small>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small>	
<b>18.</b> Amend the specification by inserting before the first line the sentence: <input type="checkbox"/> This application is a <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of application Serial No. Filed on <input type="checkbox"/> Which was published in English <input type="checkbox"/> Which was not published in English Filed <input type="checkbox"/> This application claims priority of provisional application Serial No.	
<b>19. CORRESPONDENCE ADDRESS</b>  <b>22850</b> (703) 413-3000 FACSIMILE: (703) 413-2220	

Name:	Marvin J. Spivak	Registration No.:	24,913
Signature:		Date:	3/13/01
Name:		Registration No.:	

Docket No. 204702US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Kazuhisa KASHIHARA, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: MANUFACTURING METHOD OF METALLIC FILM TO PLANAR LIGHTWAVE CIRCUIT AND PLANAR LIGHTWAVE CIRCUIT HAVING METALLIC FILM MANUFACTURED BY USING THIS METHOD

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	4 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	2 - 3 =	0	× \$80 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$710.00
TOTAL OF ABOVE CALCULATIONS				\$840.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$840.00

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A duplicate copy of this sheet is enclosed.

A check in the amount of \$840.00 to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.

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Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Date:

3/13/01



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Marvin J. Spivak

Registration No. 24,913

Docket No. 204702US2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Kazuhisa KASHIHARA, et al.

FILING DATE: Herewith

FOR: MANUFACTURING METHOD OF METALLIC FILM TO PLANAR LIGHTWAVE CIRCUIT AND PLANAR LIGHTWAVE CIRCUIT HAVING METALLIC FILM MANUFACTURED BY USING THIS METHOD

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Kazuhisa KASHIHARA Tokyo, JAPAN

Kazutaka NARA Tokyo, JAPAN

Yoshinobu NEKADO Tokyo, JAPAN

A declaration containing all the necessary information will be submitted at a later date.

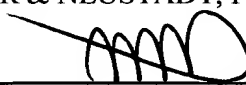
Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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